

ITCS315
First Semester, 2015-2016
Quiz # 1 Section # 2 – FORM A

(9)

Choose and circle one of the following interactive products, then answer the following questions:

- ①. The University of Bahrain Web Page , which is a web page that provides useful information to students, academic and administrative staff, new students, and parents about the university, academic programs, faculty, staff, library, registration, etc. , <http://www.uob.edu.bh>
2. **Amazon.com, Inc.** is an American electronic commerce company. It is the largest Internet-based retailer in the United States. Amazon.com started as an online bookstore, but soon diversified, selling DVDs, Blu-rays, CDs, video downloads/streaming, MP3 downloads/streaming, software, video games, electronics, apparel, furniture, food, toys and jewelry. The company also produces consumer electronics—notably, Amazon Kindle e-book readers, Fire tablets, Fire TV and Fire Phone—and is the world's largest provider of cloud computing services. Amazon also sells certain low-end products like USB cables under its in-house brand AmazonBasics. , <http://www.amazon.com>
3. Choose any interactive device/product such as tablet, iPad, Smart Watch, etc.

Question (1) [5 marks]

List five usability goals that will be most relevant in evaluating the interactive product that you have chosen from the above list.

(5)

- 1 - effective ✓
- 2 - efficiency ✓
- 3 - Utility ✓
- 4 - Safety
- 5 - Memo-ability ✓

Question (2) [5 marks]

Decide which are the two most important ones and explain why?

1.5 1. effective : As a university website nature , it should all needed information and services for users especially students, teachers

2.5 2. Memo-ability : This website has a huge information and services , and a lot of branches and divides . So it should be easy to remember . for example : if the user find information from some branches he can going back and know from where he found it .

provide

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Quiz # 1 FORM B

(10)

Compare a clock (normal not smart) and a smartphone clock according to the following:

a) What are the main three concepts that have been used for each?

3

- Hour
- Minute
- Second

These three concepts are in normal and in Smartphone clock

b) What are the main two metaphors that have been used for each?

2

- Clockwise
- 1 to 12 numbers

These two concepts are in normal and Smartphone clock, however in smart phone clock there are (1-12) for 12 hour format and (1-23) for 24 hour format.

c) How do they differ? Write Two main differences.

✓

- user can set the normal clock manually but its set automatically in smartPhone using network / time zone
- Smartphone clock can be set in two different styles, clockwise and digital format but normal clock has its fixed

d) Write two aspects of the paper-based/non smart object have informed the digital app?

✓

- view (show) time to the user in readable/^{understood} format
- Alarm

style as its manufactured.

e) Write one new functionality.

1

- Multiple alarms can be set on smartPhone clock with there properties such as : set tones.

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Quiz # 3 FORM A

10

[1] Specify one cognitive process then discuss its design implications or suggestions.

6 ✓
• Reading, Speaking, listening

- Make the size of words large as much as its appropriate.
- Speech voice provided should be clear.
- make lists and instructions short.

[2] Describe how memory can be enhanced through technology aids.

4 Technology today provides helpful, memorable and easy interfaces that including GUI which give a chance for recognizing and more than recall. Also, grouping techniques, listing & categories makes little dealing (using) for the short-term memory.

After the user finish his task and get what his want, it's possible to forget about other things^{about the task} So ATM now give the credit card^{back} to the user first before the money to avoid amount of forgetting the credit card.

STUDENT NAME: _____

ID: _____



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Quiz 4

Chapter (4): SOCIAL INTERACTION

PART (A)

Use a suitable social interactive remote application to communicate, coordinate and collaborate with three of your friends to be able to choose two distinct suitable social interactive remote applications as cases to study then in PART (B). The first one should support social interactions between friends and families, the second one should support social interaction for the purpose of learning or work.

You are required to attach a copy of the your interaction to finish the above task.

Use social application to have a meeting with your group member and discuss about applications that will choose by each member to complete this home quiz

Attach your conversation here

PART (B)

[1] Specify the name of the two applications in the table below that you use them to analyze how collaboration, coordination and communication are supported in those remote conversation applications.

[2] Answer the questions (a)..(c) as shown in the table below.

(a) Communication	
Name of the Social interaction Application (SIA1) that support socializing: Instagram	Name of the Social interaction Application (SIA2) that support learning or work: Dropbox
<ul style="list-style-type: none"> What is the purpose SIA1? Sharing Pictures and small Period videos with People What kinds of conversations are supported? <ul style="list-style-type: none"> - Direct messages - Comments, replay on comments - mention (text conversations) What kinds of social protocols and conventions are used? <ul style="list-style-type: none"> - join greeting - Farewell Practice How do users coordinate their actions in the conversation? <ul style="list-style-type: none"> - add comments / delete comments - mention someone - using hashtags - add message with specify receivers - naming group after creation - Share external representation: image, emoji heart (like) How is awareness supported of others in Tango to facilitate social communication? <ul style="list-style-type: none"> - notify for activities such as new follower, new comments, new like, mention, tags, direct message - Who is following you: followers - who is talking with whom: comments, mentions, direct group messages - Showing Period of time ago 	<ul style="list-style-type: none"> What is the purpose of SIA2? Provide external storage for users user files and organize and share files What kinds of conversations are supported? <ul style="list-style-type: none"> - add comments, replay on comments on specify file - mention - Meeting notes (text conversation) What kinds of social protocols and conventions are used? <ul style="list-style-type: none"> - join greeting - Farewell Practice How do users coordinate their actions in the conversation? <ul style="list-style-type: none"> - add comments on files - share files to specific users - Create group/team in a folder - leave folder - resolve to tell that comment on file seen and solved. accept team/group How is awareness supported of others in Blackboard to facilitate communication? <ul style="list-style-type: none"> - notification for new comments on files, new join to shared files, mention, updates - each shared folder shows the users names of that folder. - teams / groups members are showing to the user for each - Showing Period of time ago while events done

for adding new content, comment
....ect.

e.g You join the shared folder
ITCS315 1 hr ago.

- How is notification supported of others in Tango to facilitate social communication?

Notify for new follower, new comments, new mention, new like, tags, direct messages.

- How is notification supported of others in Blackboard to facilitate communication?

notify for new comment, new join to a team / group folder, mention.

(b) Coordination

SIA1:

- How is awareness supported of others in Tango to facilitate coordination?
 - Showing following / followers suggestion names to complete mention names as user enters
 - following / followers list
- How is notification supported of others in Tango to facilitate social communication?

notify for mention, tag

SIA2:

- How is awareness supported of others in Blackboard to facilitate coordination?
 - Showing team / group members names in each folder / file
 - provide completion at a mention by showing suggestions according to what user enter.
- How is notification supported of others in Blackboard to facilitate coordination?

notify for new mention
- How do users coordinate their actions to support learning?
 - add / resolve comment
 - mention user
 - add member to group / leave folder
 - request file

(c) Collaboration

SIA1:

- How can users collaborate together to finish the required task ?
 - Through direct messages
 - tag or mention users on a content that include description for what user want to talk about with other users.
- How is awareness and notification of others supported in Tango to facilitate collaboration?
 - notify for direct new messages and for tags, mentions

SIA2:

- How can users collaborate together to finish the required task ?
 - Through one folder that include all user work .
 - request file
 - add / resolve files comments
 - Create meeting notes
 - mention users
- How is awareness supported of others in Blackboard to facilitate coordination?
 - each comment shows who is the writer of that comment
 - Provide a link for the folder that created for receive requested files. This link for give it to people that user requesting file from .
- How is notification supported of others in Blackboard to facilitate coordination?
 - notifications for new comments , new join for a team and for mention. ... ect